



4-12-00

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April 11, 2000

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Attorney Docket No.: 1004-4663

Transmitted herewith for filing is a patent application as follows:

Inventor(s): Nir N. Shavit, Ole Agesen, David L. Detlefs, Christine H. Flood, Alexander T. Garthwaite, Paul A. Martin, and Guy L. Steele Jr.

Title: MAINTAINING A DOUBLE-ENDED QUEUE IN A CONTIGUOUS
ARRAY WITH CONCURRENT NON-BLOCKING INSERT AND REMOVE
OPERATIONS USING A DOUBLE COMPARE-AND-SWAP PRIMITIVE

Enclosed are:

- 28 Pages of Specification (including Written Description, Claims and Abstract)
- 5 Sheets of Drawings, ☒ Formal / ☐ Informal
- ☒ Declaration for Patent Application (3 pages), ☒ Executed / ☐ Unexecuted
- ☒ Assignment of the Invention (3 pages, including Cover Sheet)
- ☐ Information Disclosure Statement (____ pages)
☐ with Form(s) PTO 1449 (____ page(s)) and copies of ____ reference(s)
- ☒ Other: Check in the amount of \$1,650.00
- ☒ This Transmittal Letter (in duplicate) ☒ Return Postcard

CLAIMS AS FILED

| | Number Filed | Number Extra | Rate | Fee |
|---|--------------|--------------|-------------|------------|
| Basic Fee = | | | | 690.00 |
| Total Claims | 43 - 20 | = 23 | x \$18.00 = | 414.00 |
| Independent Claims | 10 - 3 | = 7 | x \$78.00 = | 546.00 |
| Multiple Dependent Claims (if any) - \$260.00 fee | | | | 0.00 |
| Other: Fee for Recordation of Assignment | | | | 40.00 |
| TOTAL FILING FEE | | | | \$1,690.00 |

- ☒ A check is enclosed for the Total Filing Fee shown above.
- ☐ Please charge the Total Filing Fee shown above to Deposit Account 50-0631.
- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. § 1.16 or 1.17 that may be required during the pendency of this application, and to similarly credit any overpayment, to Deposit Account 50-0631.

EXPRESS MAIL LABEL NO.:

EL151293354US

Respectfully submitted,

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